

The Hydrologic Requirements Team, composed of representatives from all National Weather Service regions and national headquarters, has drafted a proposal for data to be archived at all NWS River Forecast Centers. Data to be archived is not limited to items on this list but serves as a baseline of what is to be archived. Data not applicable to a particular RFC, such as vgf files at Western region locations, should be ignored.

The list is divided into two sections. The first section is data that **SHALL** (mandatory) be archived and the second data that **SHOULD** (highly recommended) be archived.

**Data the SHALL be archived:**

- All stored SHEF encoded realtime data that is stored in the IHFS database **SHALL** be archived. All realtime data that is turned on by the location table in the IHFS database shall also be turned on by the RAX (RFC archive) database and stored in their corresponding tables. This data includes but is not limited to precipitation, stage and discharge data.
- All 1 and 24 hour Quantitative Precipitation Estimates (QPE) files in xmrg format **SHALL** be archived.
- All 6 and 24 hour Quantitative Precipitation Forecasts (QPF) files in xmrg format **SHALL** be archived.
- All 1,3 and 6 hour gridded Flash Flood Guidance (FFG) files **SHALL** be archived
- NWSRFS fs5files **SHALL** be archived at least weekly.
- NWSRFS mod files **SHALL** be archived daily.
- All output from OHD scripts currently run at a RFC **SHALL** be archived. These scripts archive tables from the IHFS database that include stage 1 (DPA) data, mpe and p1 (all fields and output files) data, height data, location data, and rejected data.
- Terminal Doppler Weather Radar (TDWR) files **SHALL** be archived after they become available on the AWIPS system.

**Data that SHOULD be archived:**

- QPF files sent from the Hydrometeorological Prediction Center (HPC) to a RFC in vgf format **SHOULD** be archived.
- All adjusted and unadjusted ESPTS binary files **SHOULD** be archived.
- All adjusted historical mean areal precipitation and temperature (MAP/MAT) files used for input into ESP **SHOULD** be archived.

- All text products issued by the RFC **SHOULD** be archived. The official archive for products sent across the NWS gateway will be at NCDC.
- Flood Outlook Product (FOP) graphics created by a RFC **SHOULD** be archived.
- All ESP graphics and tables **SHOULD** be archived.
- All rating curves and shifts used by a RFC **SHOULD** be archived.